

FIG. 1

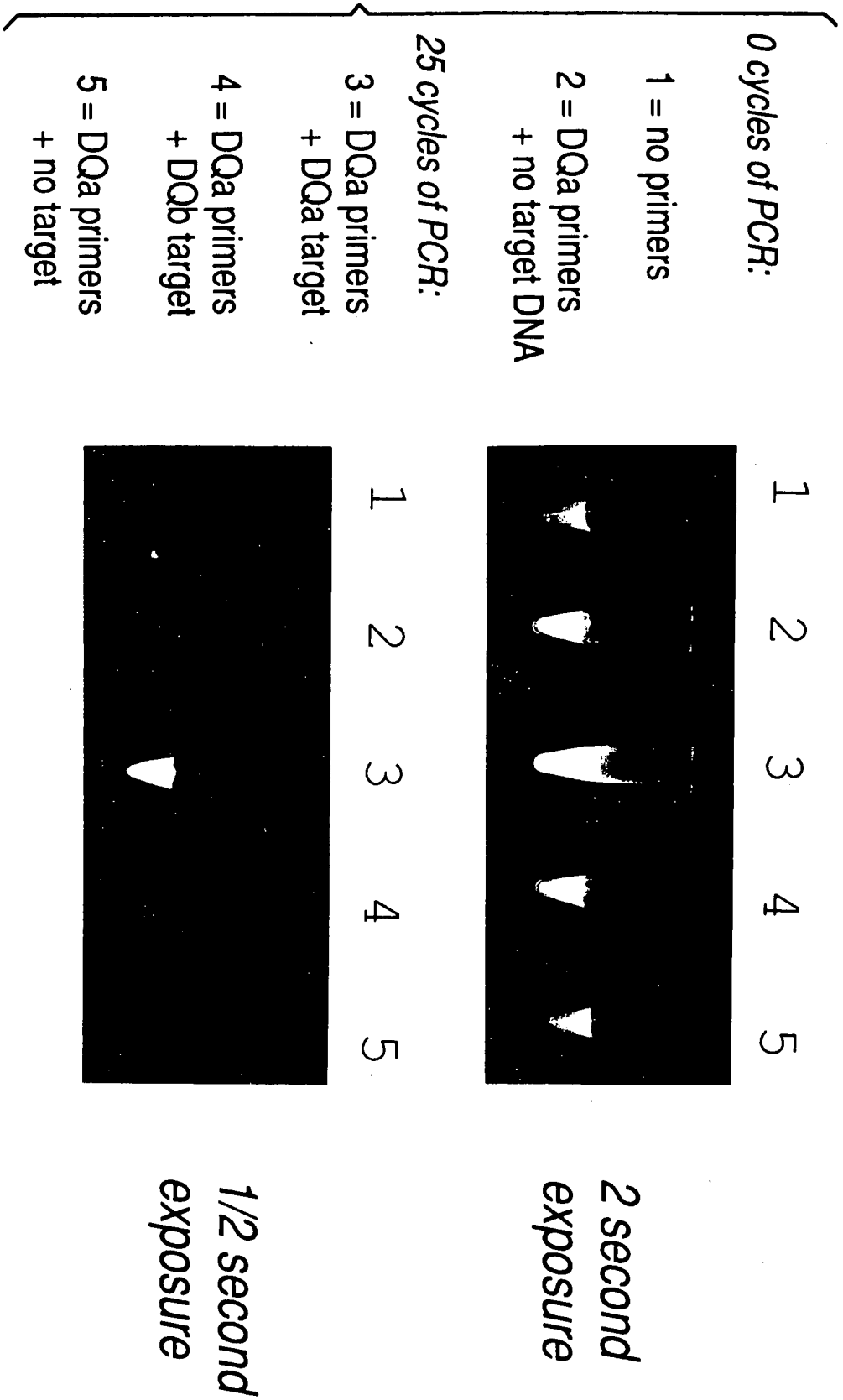


FIG. 2

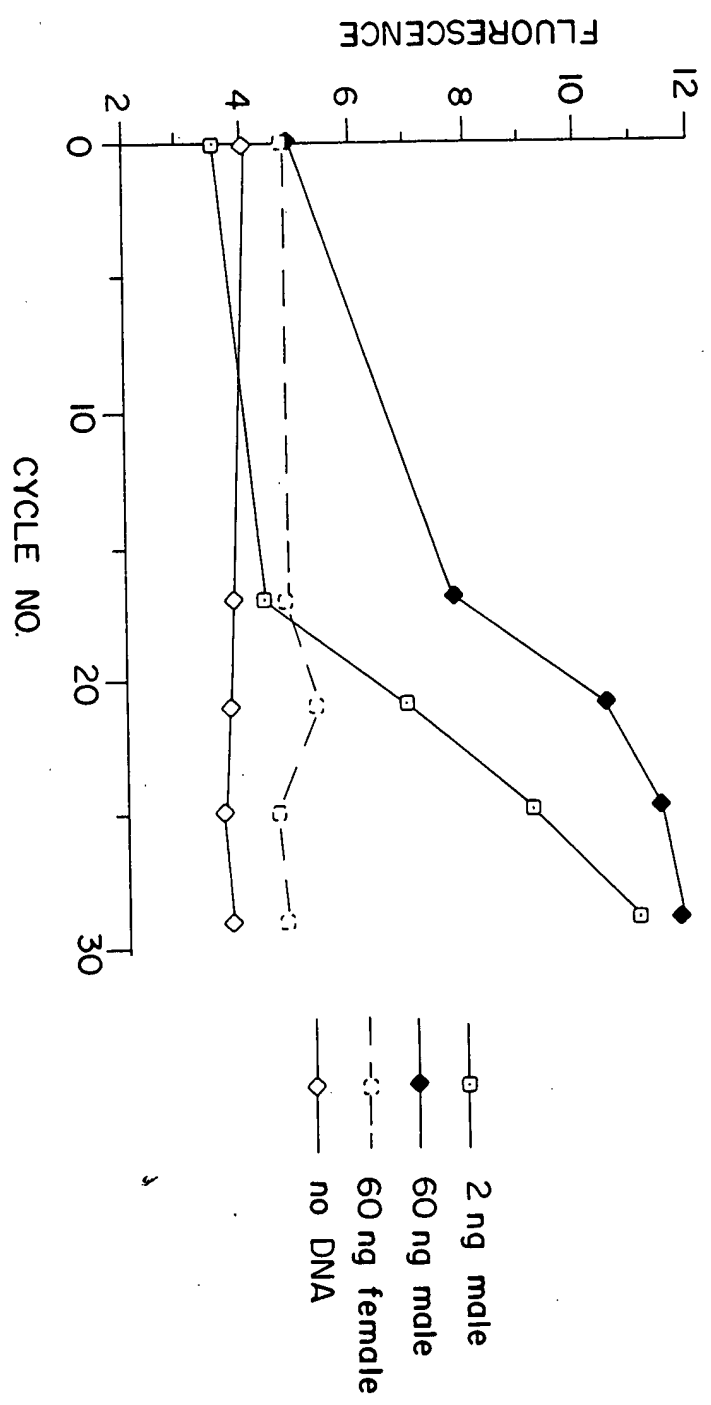
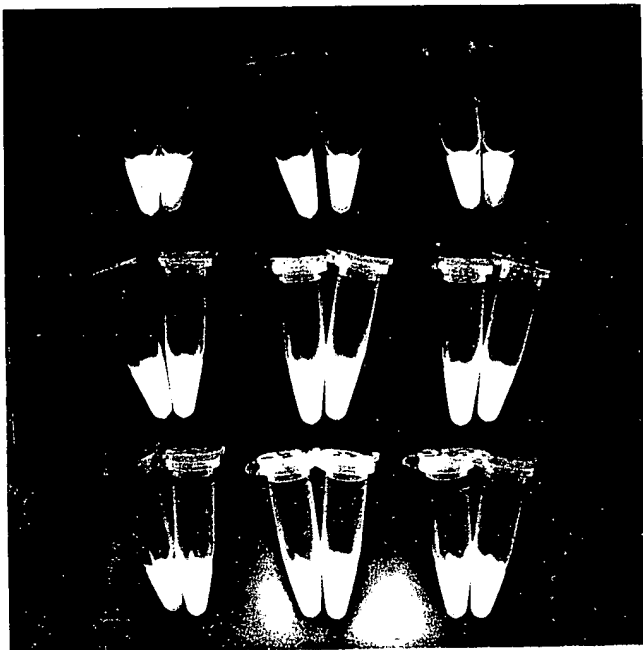


FIG. 3



Homozygous  
AA

Heterozygous  
AS

Homozygous  
SS



FIG. 4A

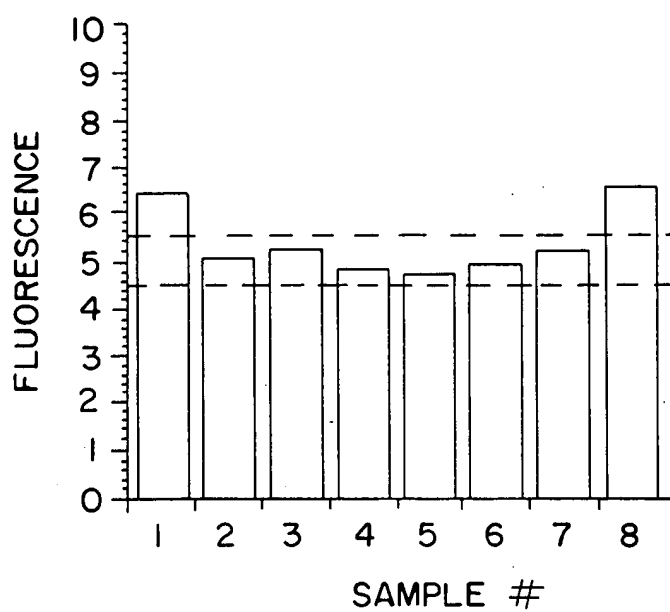
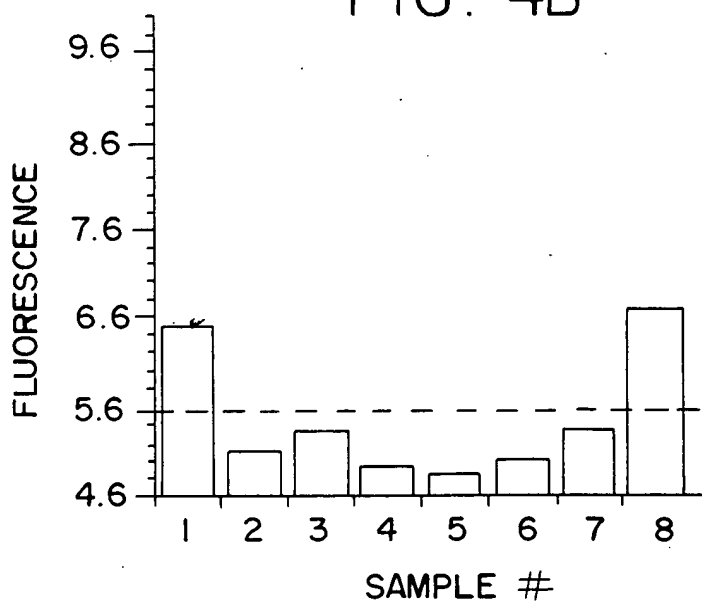
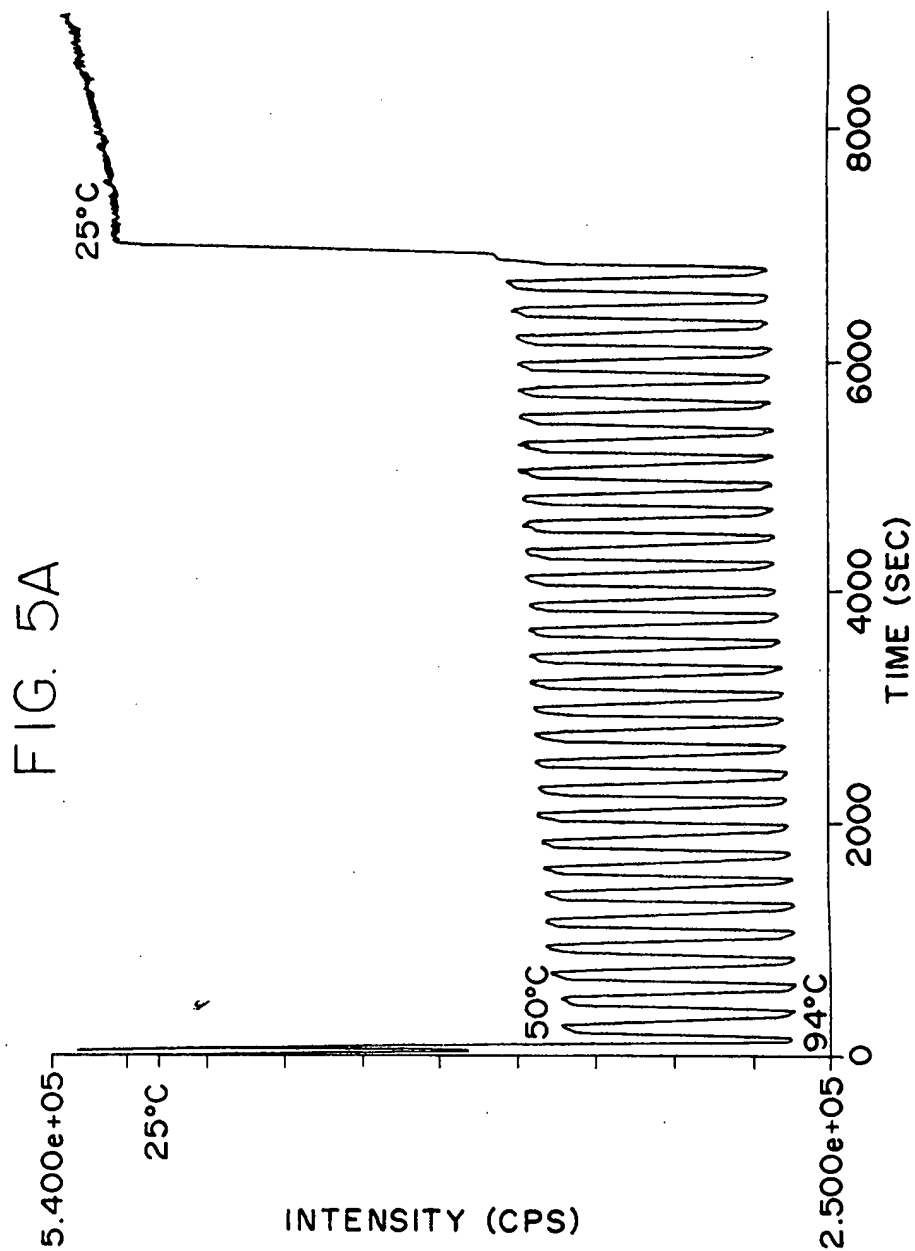


FIG. 4B





PIPE JC6-1  
MAR 17 2003  
PATENT & TRADEMARK OFFICE

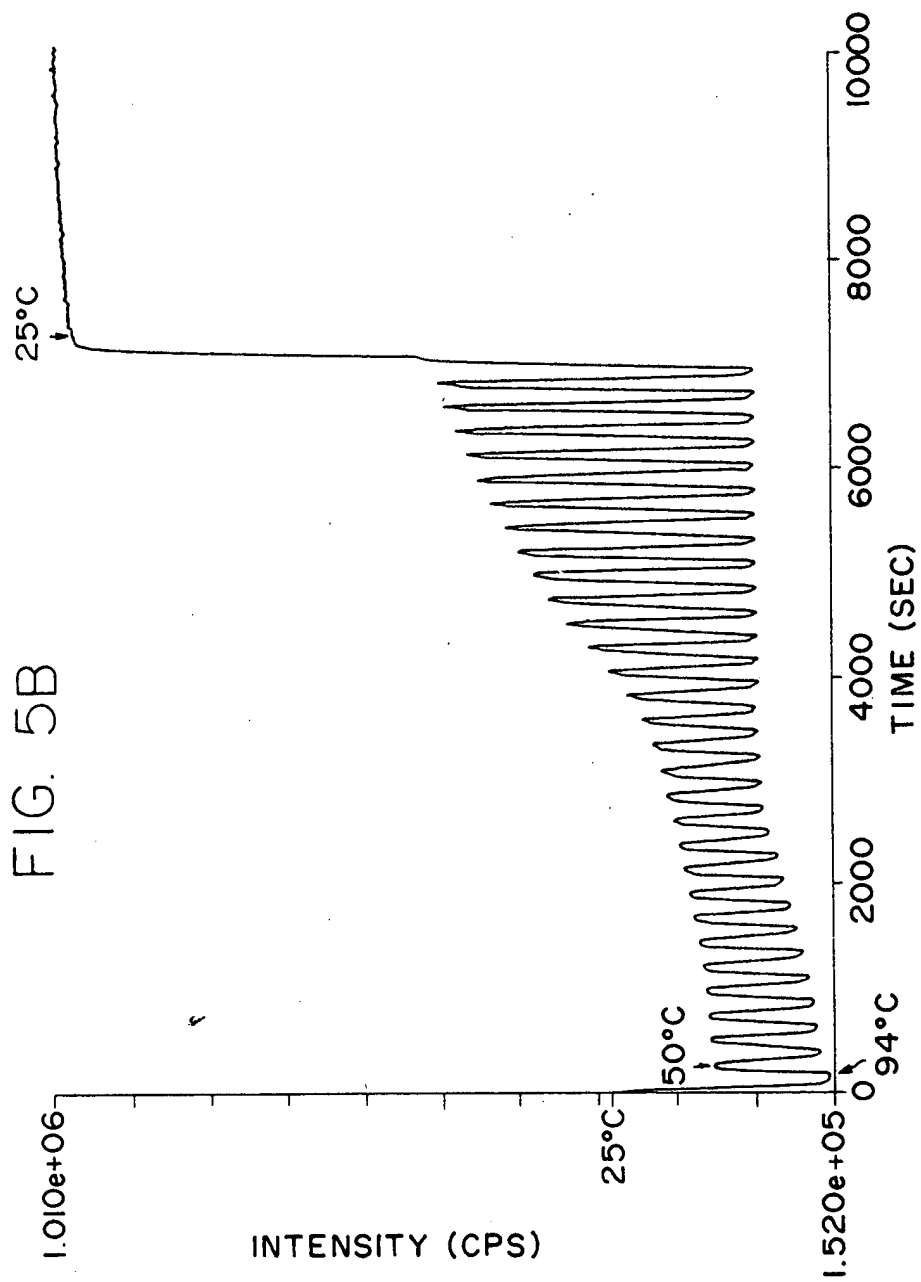




FIG. 6A

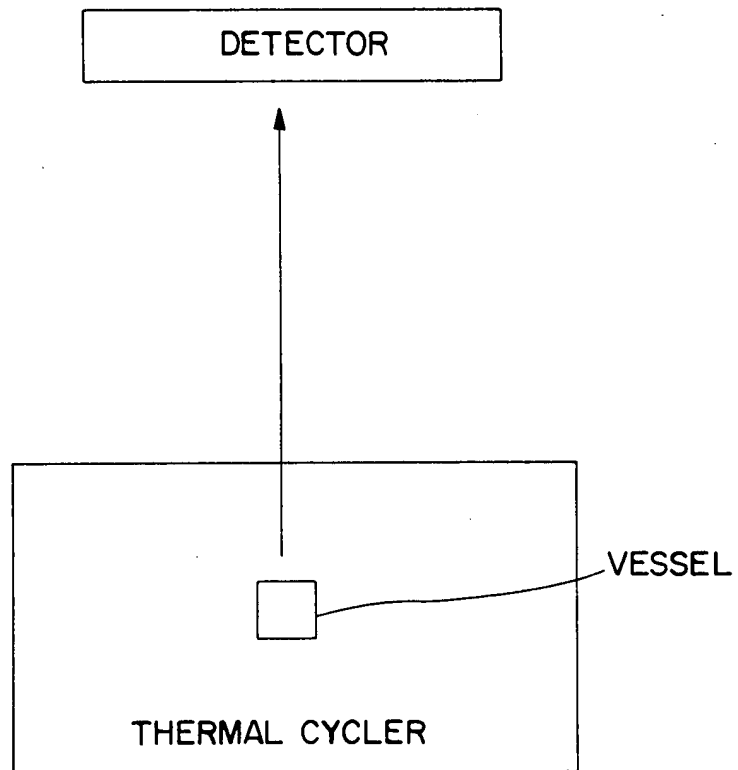




FIG. 6B

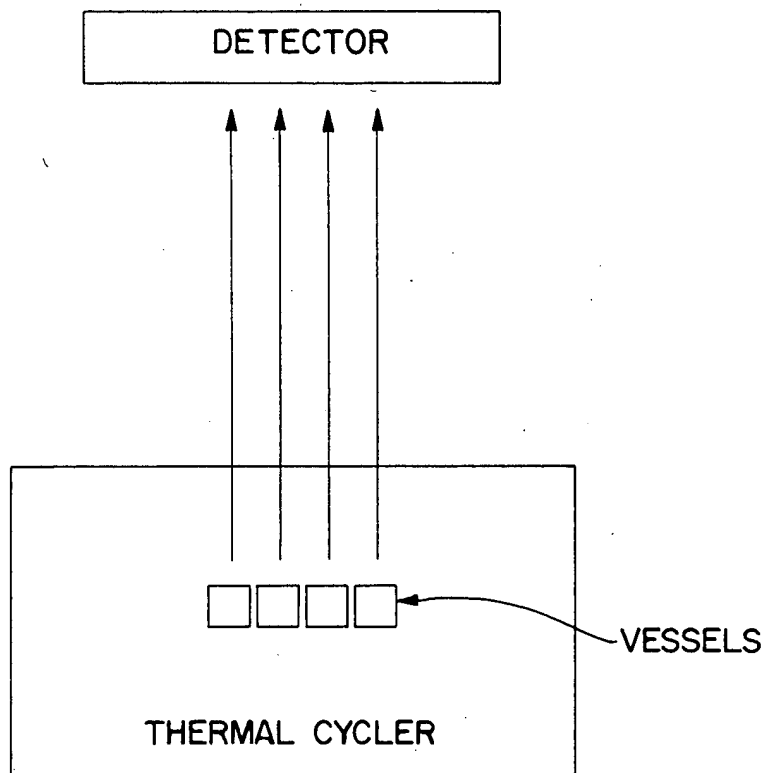


FIG. 7

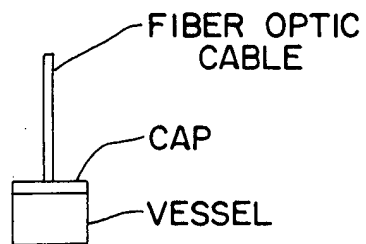






FIG. 8

